Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 21 Dec 2020 until 23:59 on Tuesday 22 Dec 2020

Forecast Issued on Sunday 20 Dec 2020 at 11:38

Confidence: High for the general weather story for Monday, lower confidence for Tuesday for any rain in the morning. Low confidence for Wednesday for northward extent of precipitation over the United Kingdom. High for Thursday and Christmas Day.

Headline for Monday 21 Dec 2020: Low cloud and rain. Becoming drier in afternoon. Breezy.

Mountain weather hazards on Monday 21 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Heavy Rain	Heavy Rain	Light rain	Dull	Cloudy	Cloudy
Precipitation probability							
<05%	10%	70%	>95%	80%	50%	20%	<05%

Forecast for Monday 21 Dec 2020

Weather: Dry with clear spells at first overnight. Rain will arrive in the early hours, becoming heavy at times in the morning. Rain will become lighter and fizzle out in the afternoon. A dry evening with clearing skies.

Chance of cloud free mountain/hill tops above 600m: 80% overnight becoming 10% early morning. Extensive cloud above 200 or 300m during the morning, slowly lifting to around 500m through the afternoon then clearing in the evening.

Visibility: Less than 100m for many hours in cloud on high ground. Rather hazy below the cloud base but becoming good during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 21 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/33 SW	18/28 S	19/28 SE	22/32 SE	17/24 S	22/31 W	19/28 W	16/23 W	13/18 W
300	15/27 SW	13/22 S	15/25 SE	20/32 SE	14/21 S	17/27 W	15/24 W	11/19 W	8/13 W
Valley	10/25 SW	6/18 SE	10/23 SE	13/29 SE	7/18 S	13/24 W	10/22 W	8/18 W	5/11 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	3/-2	3/-2	4/-2	6/1	6/1	3/-2	2/-3	2/-3
300	4/-1	5/1	5/0	6/2	8/5	8/4	6/2	5/1	4/1
Valley	4/-0	4/1	5/2	6/2	8/6	8/5	6/3	5/2	4/2
Freezing Level*	900m	900m	1300m	1800m	2200m	1800m	1300m	1000m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold, wet and breezy on the tops, especially during the morning, with difficult navigation conditions expected.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 20 Dec 2020	4.4mm	9.8mm	17mm

Forecast for Tuesday 22 Dec 2020

Weather: Dry with clear spells and a touch of frost overnight. Cloud arriving in the early hours with patchy light rain at first in the morning. This soon dying out to leave a dry afternoon with bright spells and light winds.

Maximum wind: Westerly 10-15mph, becoming Southeasterly in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 60% becoming 90%. Patchy cloud above 400m at first in the morning then clear summits expected by the afternoon.

Visibility: Mainly very good, locally poor in low cloud at first.

Temperature: **Valleys:** Plus 2C rising to 7C, falling to Plus 1C in evening.
At 600m: Around Plus 1C.
Freezing level: Above the summits.

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